(Revised September 30, 2021)

ATTACHMENT A

SCOPE OF WORK

Contractor shall provide services to structurally rehabilitate the Scott Candler Water Treatment Plant (SCWTP) Electrical Building No. 2 (EB2). These repairs would require replacing damaged roof truss connections, replacing all cracked masonry blocks with new masonry blocks and reattaching portions of the precast panels. The Work includes, but is not limited to, the following:

- Structural Repairs at Electrical Building No. 2 (EB2) outlined herein and in Exhibit 2
 - Contractual Standards and Regulations.
- Miscellaneous repairs at EB2 including painting conduits, replacing doors, and replacing the drop ceiling.
- Installation of County supplied Hach analytical instrumentation equipment (conductivity sensors, fiberglass reinforced plastic (FRP) enclosures and sampling taps). Install equipment at various water tank locations throughout DWM's water distribution network. Details of installation are as noted in paragraph 2.2 below.

The Contractor shall be responsible for the rehabilitation of the EB2 in accordance with the applicable design standards and requirements set forth herein. The Contractor shall ensure that the Project is repaired timely as designed and to specifications. The rehabilitation shall adhere to the design standards and requirements set forth herein, DeKalb County Department of Watershed Management Potable Water Main, Gravity Sanitary Sewer, and Sanitary Sewer and Force Main Design Standards, DeKalb County standard Specifications, and all other local, State, and federal requirements of Governmental Authority. The Contractor shall complete all repairs as required by this ITB, including all labor, materials and equipment. Unless otherwise specified, the Contractor shall furnish or caused to be furnished and assume full responsibility for materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, water, sanitary facilities, temporary facilities and all other facilities and incidentals necessary for completion of the Project.

The Scope of Work consists of, but is not necessarily limited to, the following Structural Repairs (see Exhibit 3 - Areas Of Structural Repairs at Electrical Building No. 2 (EB2)):

Prior to performing structural rehabilitation work at EB2, the Scott Candler WTP staff and the electrical contractor must label and identify the equipment powered by the conduits and supported by the existing electrical unistruts in question.

1.1. South Wall

1.1.1. Demolition:

- a. Leave existing wall façade in place and provide additional bracing as needed to ensure stability throughout CMU wall repair procedure.
- b. Remove double door.
- c. Demo masonry wall from double door opening to SE corner including double door jamb and lintel.
- d. During demo, leave the first 4-6 wall courses in place and repair any cracks in order to avoid the need to remove the existing electrical fiber cabinet off the wall. Contractor to verify in field.
- e. Relocate existing conduits supported by masonry wall being demolished to new support trays under roof trusses. After repair, relocated conduit may be returned to the refurbished wall or left in place.
- f. During demo and for the duration of repairs, provide temporary wall or enclosure to keep electrical equipment protected from exterior weather and internal dust exposure.
- 1.1.2. Repair Eastern "Half" of Wall:
 - a. Replace portion of wall removed with new CMU wall with same vertical and horizontal reinforcing as noted on original contract drawings.
 - b. Provide bond beam at top of wall with same horizontal reinforcing as noted on original contract drawings.
 - c. Vertical dowels will be required to be epoxied into existing foundation.
 - d. During repair of CMU wall, provide new connections to existing precast panels to match contract drawings.
 - e. Clean out the open joint between precast panels above the door. Install expansion joint filler and fill with elastomeric sealant to match existing.
 - f. Fill any crack in precast panel with crack repair mortar (minimum 6000 psi) and as suggested by manufacturer.
- 1.1.3. Stabilize Western "Half" of Wall Façade:
 - a. Since condition of façade support is not known, provide additional connections to CMU wall.
 - b. Drill in (2 rows) of stainless-steel adhesive anchors from the inside of the masonry wall into the precast panels at maximum 16-inch on center (o.c.) vertically to match grouted cells near mid-height and top of wall.
 - c. Embed anchors 6-inch min. into façade.
 - d. Provide nut and 6-inch square plate in lieu of washer on inside face of wall to secure anchors.

1.2. East Wall

1.2.1. Permanent Shoring:

- a. Keep existing precast panels and exterior shoring permanently. Demolition and replacement of this CMU wall will cause substantial interruption to electrical equipment and adversely impact plant operations.
- b. Keep existing roof shoring supports below roof trusses until completion of entire repair procedure.
- 1.2.2. Truss Support:
 - a. Chip out cracked masonry blocks at top of the wall. Keep existing vertical reinforcing and bond beam reinforcing as-is.
 - b. Remove existing truss embed plates from the truss and replace with new embed plates with min. (2) ¹/₂-inch diameter studs.
 - c. Install mini-pilaster supports for each truss at top of wall each consisting of two (2) new 12-inch CMU bond beam blocks turned 90° to existing wall blocks.
 - d. Anchor half of each "pilaster" block into the existing bond beam by breaking block and installing over existing reinforcement.
 - e. The other half of the pilaster blocks should sit directly below truss embed plates with studs.
 - f. Fully grout pilaster blocks. If needed, drill additional reinforcement into existing grouted cells to establish structural connection.

1.3. Interior non-load bearing Partition Wall (as seen from inside HVAC Room No. 2)

- 1.3.1. Crack Repair:
 - a. Clean the crack and the surface surrounding it to allow the epoxy to bond to sound surface.
 - b. Remove all laitance, clean surface per manufacturer's recommendation. Apply high modulus, high strength, structural epoxy paste adhesive to crack (SIKADUR 31 or equal) to seal it.
 - c. Provide injection ports every 16-inch o.c. horizontally and vertically to inject low viscosity epoxy adhesive (SIKADUR 52 or equal).
- 1.3.2. CMU Demo and Replacement:
 - a. Selectively demo and remove damaged CMU blocks at wall base 4 courses high and 8 courses wide from East Wall.
 - b. Provide temporary support for CMU above demolished CMU blocks.
 - c. Replace demolished CMU blocks.
 - d. Chip out all damaged masonry at corner of interior partition wall and East Wall. Keep existing vertical reinforcing as it is.
 - e. Replace portion of masonry blocks removed with combination of new CMU blocks repair mortar.

1.4. Miscellaneous Structural

1.4.1. Contractor to replace the drop ceiling to match original construction.

- 1.4.2. All cracks in the concrete floor will need to be filled by injecting epoxy or structural grout depending on the width and nature of the cracks to match manufacturer recommendations.
- 1.4.3. Repaint entire interior of the building walls and floor with approved painting system to match existing.
- 1.4.4. Contractor will paint conduit to match interior wall up to the drop ceiling height.
- 1.4.5. Paint existing exterior east wall support struts to safely yellow or to matching existing exterior of the building as determined by DWM's operations staff.

1.5. General Repair procedure for CMU Block Removal and Replacement:

- 1.5.1. Contractor to replace the drop ceiling to match original construction. At locations where shown or drawings or instructed by Engineer, remove CMU blocks that are damaged, spalled, or deteriorated or are to be reused. Carefully demolish or remove entire units from joint to joint, without damaging surrounding masonry, in a manner that permits replacement with full-size units. When removing single block, remove material from center of block and work toward outside edges.
- 1.5.2. Support and protect remaining masonry that surrounds removal area. Maintain flashing, reinforcement, lintels, and adjoining construction in an undamaged condition.
- 1.5.3. Notify Engineer of unforeseen detrimental conditions including voids, cracks, bulges, and loose units in existing masonry backup, rotted wood, rusted metal, and other deteriorated items.
- 1.5.4. Remove in an undamaged condition as many whole blocks as possible.
 - a. Remove mortar, loose particles, and soil from brick by cleaning with hand chisels, brushes, and water.
 - b. Remove sealants by cutting close to brick with utility knife and cleaning with solvents.
 - c. Store undamaged block for reuse. Store off ground, on skids, and protected from weather.
 - d. Deliver cleaned block not required for reuse to DWM unless otherwise indicated.
- 1.5.5. Clean blocks surrounding removal areas by removing mortar, dust, and loose particles in preparation for replacement.

- 1.5.6. Install replacement blocks into bonding and coursing pattern of existing blocks. If cutting is required, use a motor-driven saw designed to cut masonry with clean, sharp, unchipped edges.
 - a. Maintain joint width for replacement units to match existing joints.
 - b. Use setting buttons or shims to set units accurately spaced with uniform joints.
- 1.5.7. Lay replacement blocks with completely filled bed, head, and collar joints. Butter ends with sufficient mortar to fill head joints and shove into place.
 - a. Tool exposed mortar joints in repaired areas to match joints of surrounding existing blockwork.
 - b. Rake out mortar used for laying blocks before mortar sets and point new mortar joints in repaired area to comply with requirements for repointing existing masonry, and at same time as repointing of surrounding area.
 - c. When mortar is sufficiently hard to support units, remove shims and other devices interfering with pointing of joints.

The scope of the work also consists of, but is not necessarily limited to, the following Electrical Repairs:

1.1 Electrical Assessment/Repairs

There are approximately 15 conduits that are supported on the South Wall of Electrical Building 2. As shown in Exhibit 4 - Site Photos these conduits are installed above the hung ceiling and are not easily identified. Prior to any rehabilitation the contractor will need to identify and document all conduits that will be replaced.

Once all conduits are identified DWM Personnel will be asked to identify any circuits that must remain in operation during the rehabilitation work. These essential circuits will have temporary cables installed to maintain plant operations. Once any required temporary cables are installed, the affected conduits will be removed. After the wall repair is completed, new conduits and cables will be installed. Once all new conduits are installed and any temporary cables removed, all plant operations will be operated from the newly installed conduits.

1.2 Hach Instrumentation Equipment Installation

Install Hach instrumentation equipment into the DeKalb County water distribution system to optimize water quality. Install and connect monitors to the water distribution system and SCADA system. The water analyzers shall be installed to measure chlorine residual, turbidity, pH, conductivity and pressure. Installation shall be in accordance with manufacturer's / engineering specifications. Refer to Exhibit 6 - Hach Instrument Layout with Dimensions and Exhibit 7 - Hach Instrument Enclosures-Weatherguards-2 Model number 6989 Weatherguard FRP for instrument layout and enclosure specifications. Other

components of the work the contractor is responsible includes the following:

- Initial Field, PLC and HMI Survey
- Field Placement and Material Survey
- Project PLC Program Downloads
- HMI Software Preparation
- Project PLC Polling Changes
- Analytical Instrumentation Installation
- Provide PLC Equipment to Incorporate Analytical Instrumentation
- Update PLC and HMI Programming Updates

Owner and contractor responsibilities are as follows:

- 1. During the Field Placement and Material Survey, contractor will indicate to the Owner the exact required mounting locations.
- 2. Contractor to verify existing project instrumentation and propose additional as required.
- 3. Contractor to propose for approval and install all required taps, water lines and associated drains and drainage areas for analyzer equipment.
- 4. Contractor to provide all required pressure regulators.
- 5. Owner to provide fiberglass instrumentation enclosures prior to project commencement.
- 6. Contractor to install enclosures pads according to the following directions:

Concrete shall adequately anchor enclosures to concrete pad at four locations, minimum. Concrete pad should be level and a minimum of two inches thick over a gravel base and it should be at least two inches larger than the Enclosures on all sides. Position the Enclosure in the center of the pad. Sealant or caulk may be distributed between the pad and flange for a watertight seal. Where feasible, drill appropriate holes through the center of the flange (if flange exist) around the perimeter of the enclosure or center the holes on each side. Any necessary plumbing or drainage associated with connecting the water monitors to the water distribution system.

- 7. Contractor is not responsible for any Owner provided or existing equipment. Should there be any issue with any provided or existing equipment, the Contractor will notify the Owner prior to proceeding.
- 8. Contractor to verify that all instrumentation is in proper and working order prior to project commencement.
- 9. Contractor is to startup all instrumentation after installation.
- 10. Contractor will show instrumentation data on existing SCADA screens. The locations for installation of Hach instrumentation equipment shall be as follows:
 - 1. Tucker #1 Ground Storage Tank 4226 Lawrenceville Hwy, Tucker, GA 30084

Installation required: Mount inside customer provided Fiberglass Enclosure 1

Materials (Unistrut, Conduit, Wires, and etc.)

PLC and HMI Amendments required:

- MicroLogix 1500 convert to CompactLogix 5370 L3 Controller, 2Mb Memory, w/Supercap Backup, up to 16 1769 I/O expansion modules, 32 EtherNet/IP and 120 TCP connections.
- Add 120/240V AC Power Supply (5V @ 2 Amp)
- Add 4 Channel Analog Current/Voltage Input Module
- Tucker #2 Elevated Tank 1750 Stoneridge Drive, Stone Mountain, GA 30083 Installation required: Mount on Unistrut Stand next to existing PLC 1 Materials (Unistrut, Conduit, Wires, and etc.)

PLC and HMI Amendments required:

- MicroLogix 1500 convert to CompactLogix 5370 L3 Controller, 2Mb Memory, w/Supercap Backup, up to 16 1769 I/O expansion modules, 32 EtherNet/IP and 120 TCP connections.
- Add 120/240V AC Power Supply (5V @ 2 Amp)
- Add 4 Channel Analog Current/Voltage Input Module
- 3. Redan #1 and #2 Ground Storage Tanks 1300 Panola Road, Stone Mountain, GA 30088

<u>Installation required</u>: Mount in same room as existing PLC 1 Materials (Unistrut, Conduit, Wires, and etc.)

<u>PLC and HMI Amendments required</u>: Add 4 Channel Analog Current/Voltage Input Module

4. Lithonia - Ground Storage Tank – 6670 Parkway Drive, Lithonia, GA 30058 Installation required: Mount to wall perpendicular to existing

PLC Panel 1 Materials (Unistrut, Conduit, Wires, and etc.)

PLC and HMI Amendments required:

- ControlLogix 1756 upgrade to Logix5571 Controller With 2 Mbytes Memory
- EtherNet 10-100M Bridge Module (If existing Ethernet module is 1756-ENBT, its EOL is 12/31/2021)
- Analog Input Current/Voltage 8 Pts (36 Pin)
- o 36 Pin Screw Clamp Block With Standard Housing
- 5. Wesley Chapel #1 and #2 Ground Storage Tanks- 3337 Wesley Chapel Road, Decatur GA 30032

Installation required: Mount to wall behind existing PLC Panel 1 Materials

(Unistrut, Conduit, Wires, and etc.)

PLC and HMI Amendments required:

- MicroLogix 1500 convert to CompactLogix 5370 L3 Controller, 2Mb Memory, w/Supercap Backup, up to 16 1769 I/O expansion modules, 32 EtherNet/IP and 120 TCP connections.
- Add 120/240V AC Power Supply (5V @ 2 Amp)
- o Add 4 Channel Analog Current/Voltage Input Module
- Whites Mill #1 and #2 Ground Storage Tanks 2346 Jenay Ct., Decatur, GA 30032 <u>Installation required</u>: Mount to wall beside existing PLC Panel 1 Materials (Unistrut, Conduit, Wires, and etc.)

PLC and HMI Amendments required:

- MicroLogix 1500 convert to CompactLogix 5370 L3 Controller, 2Mb Memory, w/Supercap Backup, up to 16 1769 I/O expansion modules, 32 EtherNet/IP and 120 TCP connections.
- Add 120/240V AC Power Supply (5V @ 2 Amp)
- o Add 4 Channel Analog Current/Voltage Input Module
- McAfee Elevated Tank 2532 McAfee Road, Decatur, GA 30032 <u>Installation required</u>: Mount inside customer provided Fiberglass Enclosure 1 Materials (Unistrut, Conduit, Wires, and etc.)

PLC and HMI Amendments required:

- Replace existing Siemens PLC with Allen Bradley CompactLogix 5370 L3 Controller, 2Mb Memory, w/Supercap Backup, up to 16 1769 I/O expansion modules, 32 EtherNet/IP and 120 TCP connections.
- Add 120/240V AC Power Supply (5V @ 2 Amp)
- Add 16 Point 24 VDC Sinking/Sourcing Input Module
- Add 16 Point 24 VDC Sourcing Output Module
- Add 4 Channel Analog Current/Voltage Input Module
- Add Right End Cap Terminator
- Avondale Ground Storage Tank 3252 Covington Hwy, Decatur, GA 30032 <u>Installation required</u>: Mount inside customer provided Fiberglass Enclosure 1 Materials (Unistrut, Conduit, Wires, and etc.)

PLC and HMI Amendments required:

 MicroLogix 1500 convert to CompactLogix 5370 L3 Controller, 2Mb Memory, w/Supercap Backup, up to 16 1769 I/O expansion modules, 32 EtherNet/IP and 120 TCP connections.

- Add 120/240V AC Power Supply (5V @ 2 Amp)
- o Add 4 Channel Analog Current/Voltage Input Module

9. Columbia #1 and #2 - Ground Storage Tanks - 1742 Columbia Drive, Decatur, GA 30032

<u>Installation required</u>: Mount to wall adjacent to existing PLC Panel 1 Materials (Unistrut, Conduit, Wires, and etc.)

PLC and HMI Amendments required:

- MicroLogix 1500 convert to CompactLogix 5370 L3 Controller, 2Mb Memory, w/Supercap Backup, up to 16 1769 I/O expansion modules, 32 EtherNet/IP and 120 TCP connections.
- Add 120/240V AC Power Supply (5V @ 2 Amp)
- o Add 4 Channel Analog Current/Voltage Input Module

10. Clairmont - Elevated Tank- 1901 Mason Mill Rd, Decatur, GA 30033

Installation required: Mount inside customer provided Fiberglass Enclosure 1 Materials (Unistrut, Conduit, Wires, and etc.)

PLC and HMI Amendments required:

- Replace existing Siemens PLC with Allen Bradley CompactLogix 5370 L3 Controller, 2Mb Memory, w/Supercap Backup, up to 16 1769 I/O expansion modules, 32 EtherNet/IP and 120 TCP connections.
- Add 120/240V AC Power Supply (5V @ 2 Amp)
- Add 16 Point 24 VDC Sinking/Sourcing Input Module
- Add 16 Point 24 VDC Sourcing Output Module
- Add 4 Channel Analog Current/Voltage Input Module
- Add Right End Cap Terminator
- Dunwoody #1 Ground Storage Tank- 5335 Roberts Road, Dunwoody, GA 30338 Installation required: : Mount inside customer provided Fiberglass Enclosure 1 Materials (Unistrut, Conduit, Wires, and etc.)
- 12.
 - PLC and HMI Amendments required:
 - MicroLogix 1500 convert to CompactLogix 5370 L3 Controller, 2Mb Memory, w/Supercap Backup, up to 16 1769 I/O expansion modules, 32 EtherNet/IP and 120 TCP connections.
 - Add 120/240V AC Power Supply (5V @ 2 Amp)
 - o Add 4 Channel Analog Current/Voltage Input Module
- 13. Dunwoody #2 Elevated Tank- 4993 Ashford-Dunwoody Rd, Dunwoody, GA 30338 Installation required: Mount inside customer provided Fiberglass Enclosure 1 Materials (Unistrut, Conduit, Wires, and etc.)

PLC and HMI Amendments required:

- MicroLogix 1500 convert to CompactLogix 5370 L3 Controller, 2Mb Memory, w/Supercap Backup, up to 16 1769 I/O expansion modules, 32 EtherNet/IP and 120 TCP connections.
- Add 120/240V AC Power Supply (5V @ 2 Amp)
- Add 4 Channel Analog Current/Voltage Input Module

A. GENERAL MISCELLANEOUS

All Work shall be performed in accordance with the General Conditions of Contract, all codes, details, specifications, and the drawings.

The work for this contract must be carefully planned and coordinated with the DWM Operations staff. The Contractor will be required to submit a work plan for approval by the Owner.

In addition to that stated above, the following services shall also be provided by the Contractor:

- 1. Develop a Project execution plan, including Project schedule in Primavera P6 (in accordance with Specification section 01310, Project Controls by an experienced Scheduler.
- 2. Provide warranty coverage documents and contact information in accordance with the contract documents. The Contractor shall provide a two (2) year warranty for engineering, materials, and construction defects. The warranty begins after final completion and final acceptance of the work.
- 3. Unless otherwise specified, all waste, scrap, debris, etc. resulting from demolition and other activities under this contract, shall become the property of the Contractor and the Contractor shall be responsible for appropriate handling and disposal.

B. PROJECT LOCATION

The Work is located at the Scott Candler Water Treatment Plant at 4830 Winters Chapel Road, Atlanta, GA 30360 and other various locations in DeKalb County, as stated in the Scope of Work, Section 2.2, Hach Instrumentation Equipment Installation.

C. PERFORMANCE TIME

Anticipated Substantial Completion: 180 Days after Notice To Proceed (NTP) Anticipated Final Completion: 240 Days after Notice To Proceed (NTP) Liquidated Damages - \$1,500/day

D. WORK COORDINATION

The Contractor shall coordinate execution of the Work with subcontractors, other contractors working on related County projects, and the County, as required, to maintain operation of the existing facilities and satisfactory progress of the Work.

E. CONDITIONS AT THE SITES

- 1. The Contractor shall make all necessary investigations to determine the existence and location of underground utilities and surface impacts that may be caused due to assessment activities.
- 2. The Contractor will be held responsible for any damage to and for maintenance and protection of existing utilities, structures, and personal property.
- 3. Nothing in these Contract Documents shall be construed as a guarantee that utilities are not located within the areas of operation.

F. MINIMUM QUALIFICATIONS / EXPERIENCE

The Contractor shall be fully qualified to complete the work and shall meet the following experience criteria.

Respondents must satisfactorily demonstrate the ability to meet the following minimum criteria to be considered as qualified to submit bids. If qualifying as a Joint Venture, the Joint Venture, as a Contracting Entity, must meet the criteria collectively.

- 1. Project Manager must have successfully completed at least (2) water treatment plant rehabilitation projects of similar size and complexity in the last ten (10) years with a construction value of not less than \$500,000.00
- 2. Contractor must have successfully completed at least (2) water treatment plant rehabilitation projects of similar size and complexity in the last ten (10) years with a construction value of not less than \$500,000.00
- 3. Project Superintendent must have successfully completed at least (2) water treatment plant rehabilitation projects of similar size and complexity in the last ten (10) years with a construction value of not less than \$500,000.00
- 4. Key Project Staff each with a minimum of five (5) years' experience on construction projects of similar size and complexity.

- 5. No involvement in any litigation with the County by the Respondent.
- 6. Possession and maintenance of all licenses required by state, local and federal laws to perform the work on this Project.
- 7. The lead(s) for each sub-Contractor should have at least 5 years of experience, if not already included among the personnel listed above.

G. REFERENCE AND RELEASE FORM

List on Attachment H - Contractor Reference and Release Form and Attachment I – LSBE Subcontractor Reference and Release Form for all projects submitted to demonstrate minimum company experience as well as references for all key project personnel (Construction Manager and Project Manager), including resume, company name, contact name, address, email address, telephone numbers and contract period who can verify your experience and ability to perform the type of service listed in the ITB. All references must be included in the resume for all key personnel. You may include additional pages.

A brief description of each project and a reference shall be included for each project listed as documentation of compliance to these criteria. The reference shall include an individual's name and position in the company with appropriate contract information. The references **will** be contacted.

References must have been informed that they are being used as a reference and that DeKalb County may be contacting them. The references shall be someone who has personal knowledge of the Contractor or key team member's performance during the referenced project and is available for contact by DeKalb County. Failure of reference listed to provide the necessary information to DeKalb County inquires may result in the Applicant being unqualified.

H. CONSTRUCTION SERVICES

- 1. Comply with all County and industry construction standards and best practices
- 2. Comply with all environmental mitigation requirements
- 3. Install the work and all appurtenances, as described herein and approved by the County.
- 4. Implement the construction quality control program
- 5. Contractor shall be responsible for coordinating the Project with any other entity in conjunction with DWM personnel
- 6. Contractor shall be responsible for coordinating and executing any and all utility relocates with utility owners

- 7. Contractor provides set of approved Construction Documents
- 8. Contractor provides all construction supervision, inspection, construction equipment, labor, materials, tools, and subcontracted items to complete the Work
- Contractor prints and distributes all construction activity notices (based on DWM-approved content and designs) to impacted property/business owners and complies with all laws and ordinances
- 10. Contractor gives all notices to and complies with all laws and ordinances
- 11. Contractor submits Schedule of Work for County approval, as basis for management & control of project and progress reports to the County
- 12. Contractor shall be responsible for all Safety requirements
- 13. Contractor shall be responsible for all hazardous conditions and/or hazardous materials
- 14. Contractor shall prepare monthly reports
- 15. Contractor shall be responsible for daily site maintenance
- 16. Contractor shall be responsible for material QA/QC testing.
- 17. Contractor shall provide assistance with County-procured materials as specified herein
- 18. Contractor shall provide as-built drawings

I. COMPLETION & WARRANTIES

- 1. Substantial Completion is determined when all or portions of the Project are available for County's use and revenue service. Upon approval of substantial completion, partial release of retention is granted.
- 2. Upon the request of the Contractor, a joint inspection will be scheduled to verify Substantial Completion. Upon verification, a Certificate of Substantial Completion will be issued by the County to the Contractor.
- 3. Performance testing will be required prior to the commissioning of all equipment.
- 4. Acceptance of the equipment will be provided by the County.
- 5. Final Completion will be granted in accordance with the contract specifications.
- 6. Warranty service is required during Warranty Period per the contract specifications.
- 7. Warranty Period of 24 months from Final Completion is required per the contract specifications.

END OF ATTACHMENT A